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What is claimed is:

1. A method for unshared applications executing within a terminal server environment to interact with clients of a terminal server, comprising:
sharing a first application with a client of a server, wherein said sharing
5 comprises executing the first application on the server and routing by the terminal server of input/output for the first application to the client;
executing a second application on the server, said second application being unshared and without routing by the terminal server of input/output for the second application to the client;
10 determining, by the second application, a session identifier for the client corresponding to said sharing of the first application; and
using the session identifier to send a message to the client.
2. The method of claim 1, wherein the first application is unaware it is
15 being shared.
3. The method of claim 1, further comprising:
using the session identifier to establishing an input/output communication channel with the client.
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4. The method of claim 3, further comprising:
receiving over said communication channel a response to the message.
5. The method of claim 3, further comprising:
25 monitoring, by the second application, of accessing of resources by the first application; and
determining, by the second application, an error condition arising from accessing a particular resource by the first application;
wherein the message concerns the error condition and the message is
30 sent to the client over said communication channel.

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6. The method of claim 5, wherein the second application is a virus scanner, and wherein the error condition is a virus detected in the particular resource.

7. The method of claim 1, further comprising:
5 monitoring, by the second application, of accessing of resources by the first application; and
determining, by the second application, an error condition arising from accessing a particular resource by the first application;
wherein the message concerns the error condition.

10 8. The method of claim 7, wherein the second application is a virus scanner, and wherein the error condition is a virus detected in the particular resource.

9. The method of claim 7, further comprising:
15 starting an elapsed-time counter; and
starting scanning the particular resource for viruses;
wherein said determining the error condition comprises identifying the elapsed-time counter has exceeded a scanning time-limit.

20 10. The method of claim 7, further comprising:
starting scanning the particular resource for viruses; and
determining if the particular resource corresponds to an archive file, and if so, starting an elapsed-time counter before scanning the archive file for viruses;
wherein said determining the error condition includes determining if the
25 elapsed-time counter exceeded a scanning time-limit.

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30 11. A readable medium having encoded thereon instructions for allowing unshared applications executing within a terminal server environment to interact with clients of a terminal server, said instructions when executed capable of directing a processor to:

share a first application with a client of a server, wherein said sharing comprises executing the first application on the server and routing by the terminal server of input/output for the first application to the client;

execute a second application on the server, said second application being unshared and without routing by the terminal server of input/output for the second application to the client;

determine, by the second application, a session identifier for the client corresponding to said sharing of the first application; and

use the session identifier to send a message to the client.

12. The medium of claim 1, said instructions comprising further instructions to direct the processor to:

use the session identifier to establish an input/output communication channel with the client.

13. The medium of claim 12, said instructions comprising further instructions to direct the processor to:

receive, over said communication channel, a response to the message.

14. The medium of claim 12, said instructions comprising further instructions to direct the processor to:

monitor, by the second application, accessing of resources by the first application;

determine, by the second application, an error condition arising from accessing a particular resource by the first application;

configure the message to include the error condition; and
send the message over said communication channel.

15. The medium of claim 14, wherein the second application is a virus scanner, and wherein the error condition is a virus detected in the particular resource.

16. The medium of claim 11, said instructions comprising further instructions to direct the processor to:

monitor, by the second application, of accessing of resources by the first application; and

5 configure the message to include the error condition; and
send the message over said communication channel.

17. The medium of claim 16, wherein the second application is a virus scanner, and wherein the error condition is a virus detected in the particular resource.

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18. The medium of claim 16, said instructions comprising further instructions to direct the processor to:

start an elapsed-time counter; and

start scanning the particular resource for viruses;

15 wherein said instructions for determining the error condition further
comprise instructions for determining that the elapsed-time counter has exceeded a
scanning time-limit.

19. The medium of claim 16, said instructions comprising further instructions to direct the processor to:

start scanning the particular resource for viruses; and

determine if the particular resource corresponds to an archive file, and if
so, starting an elapsed-time counter before scanning the archive file for viruses;

20 wherein said instructions for determining the error condition further
25 comprise instructions for determining that the elapsed-time counter has exceeded a
scanning time-limit.

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Q3 20. A system for unshared applications executing within a terminal
server environment to interact with clients of a terminal server, comprising:

a sharing arrangement for sharing a first application with a client of a server, wherein said sharing comprises executing the first application on the server and routing by the terminal server of input/output for the first application to the client;

a file access monitor for monitoring file accesses by the first application;

5 a virus scanning arrangement executing on the server for scanning accessed files for viruses;

a timer arrangement for timing said scanning accessed files for viruses;

10 a scan-termination arrangement for interrupting the virus scanning arrangement if said scanning accessed files for viruses does not complete within a timeout period;

means for determining, by the second application, a session identifier for the client corresponding to said sharing of the first application; and

means for sending a message, to the client according to the session identifier, indicating said scanning accessed files for viruses timed out.